

Exhibit A

**Human  
Molecular Genetics**

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Year:

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**Contents: Volume 8, Number 12** November 1, 1999 [Index by Author]

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[Clear]

[Get All Checked Abstract(s)]

**ARTICLES:** [ ]

Cover sheet

for Nov. 1999  
issue  
my

- ☐ I Miguel-Aliaga, E Culetto, DS Walker, HA Baylis, DB Sattelle, and KE Davies  
The Caenorhabditis elegans orthologue of the human gene responsible for spinal muscular atrophy is a maternal product critical for germline maturation and embryonic viability

Hum. Mol. Genet. 1999 8: 2133-2143; doi:10.1093/hmg/8.12.2133

[Abstract] [Full Text]

- ☐ AG Bijvoet, H Van Hirtum, MA Kroos, EH Van de Kamp, O Schoneveld, P Visser, JP Brakenhoff, M Weggeman, EJ van Corven, AT Van der Ploeg, and AJ Reuser  
Human acid alpha-glucosidase from rabbit milk has therapeutic effect in mice with glycogen storage disease type II

Hum. Mol. Genet. 1999 8: 2145-2153; doi:10.1093/hmg/8.12.2145

[Abstract] [Full Text]

- ☐ AD Simmons, MM Musy, CS Lopes, LY Hwang, YP Yang, and M Lovett  
A direct interaction between EXT proteins and glycosyltransferases is defective in hereditary multiple exostoses

Hum. Mol. Genet. 1999 8: 2155-2164; doi:10.1093/hmg/8.12.2155

[Abstract] [Full Text]

- ☐ A Oka, G Tamiya, M Tomizawa, M Ota, Y Katsuyama, S Makino, T Shiina, M Yoshitome, M Iizuka, Y Sasao, K Iwashita, Y Kawakubo, J Sugai, A Ozawa, M Ohkido, M Kimura, S Bahram, and H Inoko

**TITLE** Asscipation analysis using refined microsatellite markers localizes a susceptibility locus for psoriasis vulgaris within a 111 kb segment telomeric to the HLA-C gene  
**JOURNAL** Hum. Mol. Genet. 8 (12), 2165-2170 (1999) X  
**MEDLINE** 20014706  
**PUBMED** 10545595  
**REFERENCE** 2 (bases 1 to 1143)  
**AUTHORS** Tamaiya, G., Tomitawa, M., Makino, S., Oka, A., Nakajima, K., Kimura, M. and Inoko, H.  
**TITLE** Direct Submission  
**JOURNAL** Submitted (25-AUG-1999) Akira Oka, Tokai University School of Medicine, Division of Molecular Life Science; Bobeidaai, Ishihara, Kanagawa 259-1193, Japan (E-mail: ok246@is.icc.u-tokai.ac.jp, Tel: 81-463-93-1121 (ex.2579), Fax: 81-463-94-8884)  
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       253 CTTCTGGGGTCCCAAGGACCCAGACTCAGCCACCCAGCTTTGGGGCCAGTACATA 312  
       61 GCCATATCTCTCAACTGGAAGCTCTCTGGGATCTCTGTTCTTTGCTGCAACCAAGGCG 120  
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       373 ATCTCAGGCGAGGGGCGACCCCTCTCAGCCACCGGAGAGGACGAGAGGAGGCGAGGC 432  
       181 TCCCAACATTTGCTCAGGGCCCCCGCAGTCCCGGTTGACCTTTGGCCAGGGGACCCCTT 240  
       433 TCCCAACATTTGCTCAGGGCCCCCGCAGTCCCGGTTGACCTTTGGCCAGGGGACCCCTT 492

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2 of 4

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Qy 601 TTTATTCGAAACCCGTAAGGTGTCTCAATATTCCTGCTCCCTCCGAGATCCATA 660

Db 853 TTTATTCGAAACCCGTAAGGTGTCTCAATATTCCTGCTCCCTCCGAGATCCATA 912

Qy 661 CTGATGCTCAATGCGCCCTTTTCTCTGACAGCTTAAGCTTCTCTTCTCTGAC 720

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Qy 721 CTCAGAGGCTCGGCGCCCACTACCTCCAGCCCGGTCTCTGCGCGCGGATCGTGGG 780

Db 973 CTCAGAGGCTCGGCGCCCACTACCTCCAGCCCGGTCTCTGCGCGCGGATCGTGGG 1032

Qy 781 CAGGCTATATGTAATGTTCTCTGCTCTGCACTGCTGCGCGCGGAGAACTATCAGT 840

Db 1033 CAGGCTATATGTAATGTTCTCTGCTCTGCACTGCTGCGCGCGGAGAACTATCAGT 1092

Qy 841 AGACAGCTGCTGCTTCCATGAACGAAATAAATCATGTTTCTTAA 891

Db 1093 AGACAGCTGCTGCTTCCATGAACGAAATAAATCATGTTTCTTAA 1143

RESULT 6  
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LOCUS AX477396  
DEFINITION Sequence 10 from Patent WO0244375.  
ACCESSION AX477396  
VERSION AX477396.1 GI:22216625

KEYWORDS

SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Charney, P., Mose, P. and Mcneuen, M.  
TITLE Compositions and methods for diagnosing or treating psoriasis  
JOURNAL Patent: WO 0244375-A 10 06-JUN-2002;  
Celltech R & D, Inc. (US)

FEATURES  
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Matches 776; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 2198 AAGGATCTCAGGACGAGGCGCACCCCTCTCACCCAGGAGAGAGAGAGAG 2257

Qy 175 GAGGCTCCCAACATTGCTTCAAGGCGCCCGGAGTCCCGGTGACCTTGGCAGAGGCA 234

Db 2258 GAGGCTCCCAACATTGCTTCAAGGCGCCCGGAGTCCCGGTGACCTTGGCAGAGGCA 2317

Qy 235 CCCCTCTCTTGAAGATCTCCGCTTACCGCGCCAGTGTCTCTGAGAGAGCTGCT 294

Db 2318 CCCCTCTCTTGAAGATCTCCGCTTACCGCGCCAGTGTCTCTGAGAGAGCTGCT 2377

Qy 295 GAAATGAGTGTGCGCCCTGTAACCGCTGAAGAGATCTCTCAACTCCCGGCT 354

Db 2378 GAAATGAGTGTGCGCCCTGTAACCGCTGAAGAGATCTCTCAACTCCCGGCT 2437

Qy 355 GACGACCTTGGCGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 414

Db 2438 GACGACCTTGGCGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2497

Qy 415 GTGACAAACGACCTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 474

Db 2498 GTGACAAACGACCTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2557

Qy 475 TGAAGTCCCTCAGCCGTTCTGTTCCAGAGGATTCAGGAGAGAGAGAGAGAG 534

Db 2558 TGAAGTCCCTCAGCCGTTCTGTTCCAGAGGATTCAGGAGAGAGAGAGAGAG 2617

Qy 535 TCGATTCGCCGTAATTCCTCCGAATTAAGCTATCTCCCTTAACCTCTTCTCATTC 594

Db 2618 TCGATTCGCCGTAATTCCTCCGAATTAAGCTATCTCCCTTAACCTCTTCTCATTC 2677

Qy 595 CTGATTCGCCGTAATTCCTCCGAATTAAGCTATCTCCCTTAACCTCTTCTCATTC 654

Db 2678 CTGATTCGCCGTAATTCCTCCGAATTAAGCTATCTCCCTTAACCTCTTCTCATTC 2737

Qy 655 TCCATTCCTTATGCTCAATGCGCCGTTTCTCTGACAGCTTAAGCTATCTCTTA 714

Db 2738 TCCATTCCTTATGCTCAATGCGCCGTTTCTCTGACAGCTTAAAGCTATCTCTTA 2797

Qy 715 CTTGCTCCAGGCTCGGCGCCCACTACCTCCAGCCCGGTCTCTGCGCGGATCG 774

Db 2798 CTTGCTCCAGGCTCGGCGCCCACTACCTCCAGCCCGGTCTCTGCGCGGATCG 2857

Qy 775 CTGCGGAGGCTATATGTAATGTTCTCTGCTCTGCACTGCTGCGCGGAGAACT 834

Db 2858 CTGCGGAGGCTATATGTAATGTTCTCTGCTCTGCACTGCTGCGCGGAGAACT 2917

Qy 835 ATCAGTGAACGCTGCTGCTTCCATGAACGAAATAAATCATGTTTCTTAA 891

Db 2918 ATCAGTGAACGCTGCTGCTTCCATGAACGAAATAAATCATGTTTCTTAA 2974

RESULT 7  
AX477390 3001 bp DNA linear PAT-12-AUG-2002

LOCUS AX477390  
DEFINITION Sequence 4 from Patent WO0244375.  
ACCESSION AX477390  
VERSION AX477390.1 GI:22216619

KEYWORDS

SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Charney, P., Mose, P. and Mcneuen, M.  
TITLE Compositions and methods for diagnosing or treating psoriasis  
JOURNAL Patent: WO 0244375-A 10 06-JUN-2002;  
Celltech R & D, Inc. (US)

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source Location/Qualifiers  
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Best Local Similarity 99.9%; Pred. No. 4,9e-166;  
Matches 776; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 2202 AAGGATCTCAGGACGAGGCGCACCCCTCTCACCCAGGAGAGAGAGAGAG 2261

Qy 175 GAGGCTCCCAACATTGCTTCAAGGCGCCCGGAGTCCCGGTGACCTTGGCAGAGGCA 234

Db 2262 GAGGCTCCCAACATTGCTTCAAGGCGCCCGGAGTCCCGGTGACCTTGGCAGAGGCA 2321

Qy 235 CCCCTCTCTTGAAGATCTCCGCTTACCGCGCCAGTGTCTCTGAGAGAGCTGCT 294

Db 2322 CCCCTCTCTTGAAGATCTCCGCTTACCGCGCCAGTGTCTCTGAGAGAGCTGCT 2381



**ORIGIN**

### Match

QY

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Qy

22

~~AX522117~~

## DEFINITION

VIEWPOINT

ORGANIT

AUTHOR

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**804**

**ORIGIN**

Query  
Post T

1

EXhibit C

AGPPENPMPAPEVDNRPOEPPDLPREERYR

ORIGIN

Alignment Scores:  
Pred. No.: 2.08e-24 Length: 891  
Score: 808.00 Matches: 136  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 100.00% Indels: 0  
DB: 6 Gaps: 0

US-09-994-365-2 (1-136) x AK477387 (1-891)

Qy 1 Mett1e1euanTtPly1e1euanGly1t1e1euanVall1euanH1sthrArg1t1e 20  
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Qy 21 SerGlySerGlyGlyH1sthrSerH1sthrProAlaGlyAspArgGlyGlyGlySer 40  
Db 124 TCAGGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 183  
Qy 41 ProThrLeuProGlnGlyProProValProGlyAspProTTPProGlyAlaProProLeu 60  
Db 184 CCACATTTGCTCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 243  
Qy 61 PheGlyAspProProProThraArgProSerArgProTTPArgAspLeuProGlyGly 80  
Db 244 TTTGAGATCTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 303  
Qy 81 ValTTPProProGlyProProAlaGlyThraArgProProGlnProProArgProAspAspPro 100  
Db 304 GTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 363  
Qy 101 TTPProAlaGlyProGlnProProGlnAspProTTPProProAlaProGlyValAspAsn 120  
Db 364 TGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 423  
Qy 121 ArgProGlnGlyGlyProAspLeuAspProProArgGlyGlyGlyArg 136  
Db 424 CGACTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 471

RESULT 2  
LOCUS CQ722444 1143 bp DNA linear PAT 03-FEB-2004  
DEFINITION Sequence 8378 from Patient W002068579.  
ACCESSION CQ722444  
VERSION CQ722444.1 GI:42283301  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
1 Venter, C.J., Adams, M.C., Li, P.W. and Myers, E.W.  
Kites, such as nucleic acid arrays, comprising a majority of  
humaneons or transcripts, for detecting expression and other uses  
thereof  
JOURNAL Patent, WO 02068579-A 8378 06-SEP-2002;  
FEATURES  
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1. 1143  
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Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 100.00% Indels: 0  
DB: 6 Gaps: 0

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Qy 21 SerGlySerGlyGlyH1sthrSerH1sthrProAlaGlyAspArgGlyGlyGlySer 40  
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Qy 61 PheGlyAspProProProThraArgProSerArgProTTPArgAspLeuProGlyGly 80  
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Qy 81 ValTTPProProGlyProProAlaGlyThraArgProProGlnProProArgProAspAspPro 100  
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Qy 101 TTPProAlaGlyProGlnProProGlnAspProTTPProProAlaProGlyValAspAsn 120  
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DEFINITION Homo sapiens SPRI mRNA, complete cds.  
ACCESSION AB031480  
VERSION AB031480.1 GI:5339433  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
1 (sites)  
Oka, A., Tamaya, G., Tomizawa, M., Oka, M., Katsuyama, Y., Makino, S.,  
Shine, T., Yoshitome, M., Lizuka, M., Saseo, Y., Iwashita, K.,  
Kawakudo, Y., Sugai, J., Ozawa, A., Ohkido, M., Kimura, M., Bahram, S.  
and Inoko, H.  
Association analysis using refined microsatellite markers localizes  
a susceptibility locus for psoriasis vulgaris within a 111 kb  
segment telomeric to the HLA-C gene  
Hum. Mol. Genet. 8 (12), 2165-2170 (1999)  
JOURNAL  
MEDLINE  
10545595  
2 (bases 1 to 1143)  
REFERENCE  
AUTHORS  
Tamaya, G., Tomizawa, M., Makino, S., Oka, A., Nakajima, K., Kimura, M.  
and Inoko, H.  
TITLE  
Direct Submission  
JOURNAL  
Submitted (25-AUG-1999) Akira Oka, Tokai University School of  
Medicine, Division of Molecular Life Science, Bohseidai, Isehara,  
Kanagawa 259-1193, Japan (E-mail:oka24@is.jcc.u-tokai.ac.jp,  
Tel:81-463-93-1121 (ex.2579), Fax:81-463-94-8884)  
FEATURES  
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Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 100.00% Indels: 0  
DB: 6 Gaps: 0





Quality levels above 40 are expected to have less than 1 error in 10,000 bp. Base-by-base quality values are not generally visible from the Genbank flat file format but are available as part of this entry's ASN.1 file.

Double stranded (DS) coverage:	77.6%
DS or two chemistry coverage:	100.0%
Single stranded regions:	0

### Sequence Validation

**Mapping:** Comparison of the experimentally derived man digest

fragments with sequence-predicted fragments is given below.

are not mapped and hence do not appear in the table. There are no

predicted values. Uniquely ordered fragment groups are separated

by dashed lines.

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Qy	39	GlySerProThrleuProGIingIyProProValProGIYAAspProTrpProGIyAlapro	58
Dd	27148	GGCTCCCCAACATTgCTCAGGGCCCCCACGTCCCGGtGAcCTTGCCCAAGGCACCC	27207
Qy	59	ProlLeuHneGIuAspProProProThraArgProSerArgProTrpArgAspleuProGu	78
	27208	CCTCTCTTTAAAGATCTCGGCTACCGGCCAGTGTTCCTGAGAAACTGCTGA	27267

Oy	79	ThnGlyValTrrProPrgIngluPProAapThraAPProFroPrgIngluPProAap	98
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Dd	27328	GACCTTGCGCGCAGAACCCCAAGCCCCCAAAAAACCCTGCGCTCTGCCCTCGAGGTG	27387
Oy	119	AapAsnaArgProGlnGluPProAapLeuAapProProArgGlnGluTyArg	136
Dd	27388	GACAACCACTCAAGAGAGCCACACTTAACCAACCCCGGAAAGTACAGA	27441

---

RESULT 12  
AX522117

LOCUS AX522117 55050 bp DNA linear PAT 24-OCT-2002

DEFINITION Sequence 4 from Patent WO02064831.

ACCESSION AX522117

VERSION AX522117.1 GI:24411002

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Taxonomy: Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 Lench,N.J., Allen,M.J. and Nicholls,R.K.  
Test and model for inflammatory disease  
Patent WO 02064831-A 4 22-AUG-2002;  
Oxygen limited (GB)  
location/Qualifiers

FEATURES  
source 1..55050  
          /organism="Homo sapiens"  
          /mol\_type="unassigned DNA"  
          /db\_xref="taxon:9606"

ORIGIN

Alignment Scores:

Pred. No.:	2,45e-19	Length:	55050
Score:	712.00	Matches:	118
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	88.12%	Indels:	0
DB:	6	Gaps:	0

US-09-994-365-2 (1-136) x AX522117 (1-55050)

Oy	19	GlyTlSererGylserGlnGlyHisProSerHisProProAlaGluAapArgGlnGluAla	38
Dd	27099	GGATCTCAAGCAGCGAGGGCCACCCCTCTCAACCCCGCAGAGAGACCGAAGAGGCA	27158
Oy	39	GlySerProThrIeuProGlnGlyP-ProProValProGlnAapProTrpProGlyValPro	58
Dd	27159	GGCTCCCACAMTGTGCTCAAGGCCCCCAAGTCCCGAGACCTTGGCAAGGGCACCC	27218
Oy	59	ProIeuPhelGluAapProProProThrArgProSerArgProTrpArgAapLeuProGlu	78
Dd	27219	CCTCTTTTAAAGATCTCGCTACCCGCCCAAGTCGTCCTGAGAGACCTGCTGA	27278
Oy	79	ThrGlyValTrrProPrgIngluPProAapThraAPProFroPrgIngluPProAap	98
Dd	27279	ACTGAGATCGGCCCTCGTGAACCGCTTAAGACGATCTCTCAACCTCCCGGCTGCAC	27338
Oy	99	AapPrfTrpProAlaGlyPProGlnP-ProPrgluamP-otrP-ProProAlaPProGlual	118
Dd	27339	GACCTTGCGCGCAGAACCCCAAGCCCCCAAAAAACCCTGCGCTCTGCCCTCGAGGTG	27398
Oy	119	AapAsnaArgProGlnGluPProAapLeuAapProProArgGlnGluTyArg	136
Dd	27399	GACAACCACTCAAGAGAGCCACACTTAACCAACCCCGGAAAGTACAGA	27452

RESULT 13  
AL662867/c

70288 bp DNA linear PRI 24-APR-2002



**Alignment Scores:**

Pred. No.:	6.56e-20	Length:	1143
Score:	692.00	Matches:	114
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	9	Case:	0

US-09-994-365-3 (1-114) X AB031480 (1-1143)

Qy	1	SerGlnGluYhiProSerSerAProProAlaGluAparAgGluGluAlaGlySerProThr	20
Db	382	AcCGAGGGCCACCCTCTCAACCCAGCGAGAGCCGAGAGAGGCGGTCCCCAACAA	441
Qy	21	LeuProGlnGlyProProValProGluYAspProTyrProGluYAlaProProLeuPheGlu	40
Db	442	TTCGCTCAAGGGCCCCCAAGTCCCCGGTAGCCTTGGCCAGGGGACCCCCCTCTTTGAA	501
Qy	41	AspProProProThrArgProSerArgProTyrPheAspLeuProGluYThrGlyYValTyrP	60
Db	502	GATCCTCCGCGCTAACCGGCCCAAGTGTCTCCCTGAGAGACCTGCTGAACTGAGAGTCTG	561
Qy	61	ProProGluYProProArgYThrAspProGluYProGluYProProArgProAspAspProTyrPro	80
Db	562	CCCCCTGAACCGCTCAGAACCGATCTCTCAACCTCCCGGCGCTGACGACCCTTGCCG	621
Qy	81	AlaGlyProGluYProProGluYAspProTyrProProAlaProGluYValAspAspArgPro	100
Db	622	GCAAGACCCCGAGCCCCCGAGAAAACCCCTGGCGCTCTGCCCCCTGAGTGGACACCGACCT	681
Qy	101	GlnGlnGluYProAspLeuAspProProArgGlnGluYThrArg	114
Db	682	CAGGAGAGCCAGACTTAGCCACACCCCGGGAAGATGACAGA	723

**RESULT 4**

LOCUS DEFINITION	1185 bp	mRNA	1 linear	PRI 02-MAR-2003
AF484420				
Homo sapiens psoriasis susceptibility 1 candidate 2 (PSORS1C2) mRNA, complete cds.				

ACCESSION	AF484420
VERSION	AF484420.1
	GI:28628834

KEYWORDS	.
SOURCE	Homo sapiens (human)

ORGANISM      Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE  
1 (bases 1 to 1185)  
Mammalia; Buthera; Primates; Catarrhini; Homnidae; Homo.

AUTHORS	TITLE
Holm, S.J., O'Brien, K.P., Carlen, L. and Stahle-Bäckdahl, M.	The PSORS1C1 and PSORS1C2 genes in 6p21.3 associate strongly with

psoriasis in the Swedish population  
Unpublished

REFERENCE	2 (bases 1 to 1185)
AUTHORS	Holm, S. J., O'Brien, K. P., Carlen, L. and Stahle-Backdahl, M.

TITLE  
 Direct Submission  
 Submitted (15-FEB-2002) Dermatology, Karolinska Institute, L8:02  
 JOURNAL

**FEATURES**  
Karolinska Sjukhuset, Stockholm S-17176, Sweden  
location/Qualifiers

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## ORIGIN

Alignment Scores:		
Pred. No.:	6 73e-20	1185
Score:	692.00	114
Percent Similarity:	100.00%	0
Best Local Similarity:	100.00%	0
Query Match:	100.00%	0
DB:	9	0
	Gaps:	0
	Length:	1185
	Matches:	114
	Conservative:	0
	Mismatches:	0
	Indels:	0
	Gaps:	0

US-09-994-365-3 (1-114) X AP484420 (1-1185)

Qy	1	SerGlnGluYhAsProSerHisProProAlaGluAspArgLugLAlaGlySerProThr	20
Db	391	AcCGAGGGCCACCCCTCTCAACCCGACCGGACGAGGACCGAGGGAGGGCTCCCAACA	450
Qy	21	LeuProGlnGlyProProValProGlyAspProTrpProGluYhAsProProLeuPheGlu	40
Db	451	TTCGCTCAAGGGCCCCCAAGTCCCGAGAACCTTGGCAAGGGGCAACCCCTCTCTTGGAA	510
Qy	41	AspProProProThrArgProSerArgProTrpPheGluPheLeuProGluThrArgYhValTrp	60
Db	511	GATCTTCGGCTACCCGCCCAAGTCGTCCTCGAGAGAACCTGCTGAATCGAAGTCTGG	570
Qy	61	ProProGlnProProArgTrpAspProProGlnProProArgProProAspAspProTrpPro	80
Db	571	CCCCCTGAACGGCTAGAGCGAATCGCTCAACTCCCGGGCTGACGACCTTTGGCG	630
Qy	81	AlaGlyProGlnProProGlnAspProTrpProProAlaProGluValAspAsnArgPro	100
Db	631	GCAGGACCCCGCCCGCAAAACCTCGGACCTCTGACCCTGAGGTGACAAACGACCT	690
Qy	101	GlnGlnGluProAspLeuAspProProArgGlnGluTrpArg	114
Db	691	CAGGAGAGCCAGACCTAGACCAACCCCGGAAAGATTAACA	732

## RESULT 5

LOCUS	1473 bp	DNA	PAT 14-JUN-2002
AX406002		linear	
Sequence	417	from Patent WO0222660.	
DEFINITION			

ACCESSION AX406002  
VERSION AX406002.1 GI:21439443

**KEYWORDS**  
**SOURCE** Homo sapiens (human)

ORGANISM      Homo sapiens  
Eukaryota; Metazoa;

1 Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

**AUTHORS**  
Tang, Y. T., Liu, C., Zhou, P., Asundi, V., Zhang, J., Zhao, Q. A., Ren, F.,  
Xue, A. J., Yang, Y., Wehrman, T. and Dymnarac, R. T.

**TITLE** Novel nucleic acids and polypeptides  
**JOURNAL** Patent: WO 0222660-A 417 21-MAR-2002;

PEATURES	HYSEQ, INC. (US)
	Location/Qualifiers

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636. .1046  
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ORIGIN

Alignment Scores:	7.88e-20	Length:	1473
Pred. No.:			

**NSI**

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